BIRCH, STEWART, KOLASCH & BIRCH, LLP

P.O. Box 747 • Falls Church, Virginia 22040-0747 Telephone: (703) 205-8000 • Facsimile: (703) 205-8050 ATTORNEY DOCKET NO. 0171-0801P

PLEASE NOTE: YOU MUST COMPLETE THE FOLLOWING:

COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT AND DESIGN APPLICATIONS

As a below named inventor. I hereby declare that: my residence, post office address and citizenship are as stated next to my name; that I verily believe that I am the original, first and sole inventor (if only one inventor is named below) or an original. first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Insert Title:	Particulate	Silica and Its Pre	paration			
Fill in Appropriate	the specification of which is attached I	nereto. If not attached hereto,				
Information — For Use				as		
Without	United States Application	;				
Specification	and amended on		(if applica	ble); and/or		
Attached:	the specification was filed	on .		as PC1		
	International Application	Number		; and was		
	amended under PCT Artic	ele 19 on	(if	applicable)		
	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.					
Constant Cons	I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.					
	I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (six months for designs) prior to this application, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows.					
	I hereby claim foreign priority benefits under Title 35, United States Code, §119 (a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:					
Insert Priority	Prior Foreign Application(s)		Priority Claimed		
Information:	2000-369466	Japan	12/05/2000	\boxtimes \Box		
(if appropriate)	(Number)	(Country)	(Month / Day / Year Filed)	Yes No		
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No		
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No - Yes No		
	(Number)	(Country)	(Month / Day / Year Filed)	Yes No		
Insert Provisional Application(s): → (if any)	I hereby claim the benefit under Title	(Application Number)	of any United States provisional applica	(Filing Date)		
	(Application Number) (Filing Date)					
	All Foreign Applications, if any, for any Patent or Inventor's Certificate Filed More than 12 Months (6 Months for Designs) Prior to the Filing Date of This Application:					
Insert Requested Information: (if appropriate)	Country	Application	Number Date of Fili	ing (Month / Day / Year)		
Insert Prior U.S.	I hereby claim the benefit under Title 35, United States Code, §120 of any United States and/or PCT application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States and/or PCT application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:					
Application(s):	(Applie Co. North	(Filing Date	(Status patents	ed, pending, abandoned)		
(if any)	(Application Number)	(timing Date	, (Guido — patent	r		
	(Application Number)	(Filing Date	e) (Status — paten	ted, pending, abandoned)		

I hereby appoint the following attorneys to prosecute this application and/or an international application based on this application and to transact all business in the Patent and Trademark Office connected therewith and in connection with the resulting patent based on instructions received from the entity who first sent the application papers to the attorneys identified below, unless the inventor(s) or assignee provides said attorneys with a written notice to the contrary:

Raymond C. Stewart	(Reg. No. 21,066)	Terrell C. Birch	(Reg. No. 19,382)
Joseph A. Kolasch	(Reg. No. 22,463)	James M. Slattery	(Reg. No. 28,380)
Bernard L. Sweeney	(Reg. No. 24,448)	Michael K Mutter	(Reg. No. 29,680)
Charles Gorenstein	(Reg. No. 29,271)	Gerald M. Murphy, Jr.	(Reg. No. 28,977)
Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
Joe McKinney Muncy	(Reg. No. 32,334)	C. Joseph Faraci	(Reg. No. 32,350)
Donald J. Daley	(Reg. No. 34,313)	John W. Bailey	(Reg. No. 32,881)
John A. Castellano	(Reg. No. 35,094)		

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PLEASE NOTE: YOUMUST COMPLETE THE FOLLOWING:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful

Secretary of the secret	false statements may jeopardiz	e the validity of the applic	ation or any patent issued	thereon.		
Full Name of First or Sole Inventor:	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*
Insert Name of Inventor	Masanobu	NISHIMINE	masanolu	hishimir	re	November 22, 2001
Insert Date This Document is Signed	Residence (City, State & Country)				CITIZENSHIP	·-b.·
Insert Residence	Chiyoda-ku, To	kyo, Japan			Japane	ese
Insert Post Office	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Shin-Etsu Chemical Co., Ltd., 6-1, Otemachi, 2-chome, Chiyoda-ku, Tokyo, Japan					
Full Name of Second	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*
Inventor, if any:	Susumu	UENO		220		November 22, 2001
	Residence (City, State & Country)				CITIZENSHIP	h
Section 1	Annaka-shi, Gu	nma-ken, Japan			Japane	ese
	POST OFFICE ADDRESS (Complete Street Address including City, State & Country) c/o Gunma Complex, Shin-Etsu Chemical Co., Ltd., 2-13-1, Isobe, Annaka-shi, Gunma-ken, Japan					
Full Name of Third	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*
Inventor, if any see above	Yoichi	TANIFUJI	Moichi)	Tambuj	· '	November 22, 2001
	Residence (City, State & Country)			01	CITIZENSHIP	
	Chiyoda-ku, Tol	kyo, Japan	•		Japane	ese
	POST OFFICE ADDRESS (Complete S c/o Shin-Etsu (6-1, Otemachi,	Chemical Co., L		Japan	· · · · · · · · · · · · · · · · · · ·	
Full Name of Fourth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*
Inventor, if any see above	Tomoyoshi	KOIKE	Tomoyoshi	Krike		November 22, 2001
	Residence (City, State & Country)				CITIZENSHIP	
	Annaka-shi, Gur	nma-ken, Japan			Japane	ese
	POST OFFICE ADDRESS (Complete S c/o Gunma Compl 2-13-1, Isobe,	lex, Shin-Etsu	Chemical Co., I	td.,	`	
Full Name of Fifth	GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE			DATE*
Inventor, if any see above	Tomio	IWASE	Tomio In	UD0		November 22, 2001
	Residence (City, State & Country)				CITIZENSHIP	22, 2001
,	Annaka-shi, Gur	ma-ken, Japan			Japane	se
	POST OFFICE ADDRESS (Complete S	Street Address including City, State				
	c/o Gunma Compl			td.,		
Page 2 of 2 (Revised 11-98)	2-13-1, Isobe,	Almaka-sni, Gur	ma-ken, Japan			

Page 2 of 2 (Revised 11-98)

Attorney Docket No. 0171-0801P

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Bernard L. Sweeney	(Reg. No. 24,448)	Michael K Mutter	(Reg. No. 29,680)
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Leonard R. Svensson	(Reg. No. 30,330)	Terry L. Clark	(Reg. No. 32,644)
Andrew D. Meikle	(Reg. No. 32,868)	Marc S. Weiner	(Reg. No. 32,181)
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Donald J. Daley	(Reg. No. 34,313)	John W. Bailey	(Reg. No. 32,881)
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Full Name of First or Sole Inventor:
Insert Name of Inventor
Insert Date This
Document is Signed
Insert Residence
Insert Citizenship

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THU

Address

Full Name of Second Inventor, if any:

Full Name of Third Inventor, if any

Full Name of Fourth Inventor, if any see above

Full Name of Fifth Inventor, if any

Page 2 of 2 (Revised 11-98)

see above

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GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	1	November	
Michiaki	SEZAI	michiaki Sy	ai	22, 200	
Residence (City, State & Cou			CITIZENSHIP		
Annaka-shi,	Gunma-ken, Japan	n	Japanese		
c/o Gunma Co		State & Country) u Chemical Co., Ltd., Gunma—ken, Japan			
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*	
Residence (City, State & Cou	intry)		CITIZENSHIP		
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GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*	
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POST OFFICE ADDRESS (Con	mplete Street Address including City,	State & Country)	<u> </u>		
GIVEN NAME	FAMILY NAME	INVENTOR'S SIGNATURE	···	DATE*	
Residence (City, State & Country)			CITIZENSHIP		
nesidence (city, state & co	mplete Street Address including City,	State & Country)		****	
	FAMILY NAME	INVENTOR'S SIGNATURE		DATE*	
POST OFFICE ADDRESS (Co		INVENTOR'S SIGNATURE	CITIZENSHIP	DATE*	